

LOL-HECO-IR-78

Ref: "The sustained outage would have been prevented if the East Oahu Transmission Project had been completed. Many of the customers affected on March 3, 2004 would not have seen any interruption in service" (ST-4, page 12, lines 3-5)

Question(s):

Could the March 3, 2004 outage occur today?

HECO Response:

An outage of both 138kV transmission lines feeding the Pukele Substation, which occurred on March 3, 2004 could occur today. (See HECO T-4, pages 33-46.) If the question is asking if an outage could occur, as described in the March 3, 2004 Pukele Substation Outage report provided in response to LOL-IR-24, the report describes what happened and the corrective actions HECO has taken to minimize having the same event occur. The sequence of events that cause the March 3, 2004 outage to occur could occur today, although it is unlikely that such events could occur because corrective actions have been completed since the investigation of the March 3, 2004 incident.